

19991009.ba v02\_n695.bam.991009

>From ???@??? Sun Oct 10 03:02:26 1999  
Message-Id: <199910100344.d9A3ihS27344@sco.theporch.com>  
Date: Sat, 9 Oct 1999 22:43:13 CDT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2695

BOATANCHORS Digest 2695

Topics covered in this issue include:

- 1) Re: ARC-5 front connector  
by Ray Mote <rmote@rain.org>
- 2) Re: Just 70 Days  
by knepper <knepper@lenzlink.net>
- 3) Re: Just 70 Days  
by "Bob Duckworth" <wb4mnf@atl.org>
- 4) National FB-7 and SW-3 coil info available and coils/wire sought.  
by "Bob Duckworth" <wb4mnf@atl.org>
- 5) Re: National FB-7 and SW-3 coil info available and coils/wire sought.  
by "Roberta J. Barmore" <rbarmore@indy.net>
- 6) ADMINISTRIVIA: No More Reposts  
by listown@jackatak.theporch.com (Mail List Owner)
- 7) Re: National FB-7 and SW-3 coil info & Jim Fred  
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 8) Re: ARC-5 front connector  
by David Ross <ross@hypertools.com>
- 9) Re: Washington DC area lecture on National & Hallicrafters  
by David Ross <ross@hypertools.com>
- 10) Re: ARC-5 front connector  
by William Donzelli <aw288@osfn.org>
- 11) RME Question  
by john <johnmb@mindspring.com>
- 12) RE: LM POWER SOURCE (WAS ARC-5 FRONT CONNECTOR)  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 13) Some HB and vintage FS  
by "Lane Zeitler Ku7i" <zeitler@attglobal.net>
- 14) Halli S-27 antenna connectors and output xfmr needed  
by wallace@WORLD.STD.COM (Andy Wallace)
- 15) SCR-178 CABLE PLUG  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 16) Re: ARC-5 front connector  
by Hue Miller <kargokult@proaxis.com>
- 17) Re: ARC-5 front connector  
by Hue Miller <kargokult@proaxis.com>
- 18) WTB 1979 es 1980 Callbooks

by "M. Fixit" <w4jg@teleport.com>  
19) Re: STK Southmountain  
by Hue Miller <kargokult@proaxis.com>

-----  
Date: Fri, 8 Oct 1999 23:43:25 -0700 (PDT)  
From: Ray Mote <rmote@rain.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: ARC-5 front connector  
Message-ID: <Pine.SUN.4.05.9910082333540.27899-1000000@coyote.rain.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Power for \*LM\*?! Hey, what about the doggone UHF receiver modulated at broadcast freqs? You know -- the one the Navy fighter jocks needed to find their carrier again? It served as a "front end" for the broadcast version of the command set receiver. I believe that lashup was replaced later in the war by a complete receiver. Similar story with the old ARB receiver -- those little bayonet lugs on top are to mount the UHF (220 Mc roughly) converter. The carriers had a UHF transmitter that transmitted coded single Morse letters according to the quadrant the antenna was scanning at the time. Modulation was at broadcast freq so the Japanese wouldn't catch on by simply using an audio detector. (Tried to remember nomenclature of those receivers & converters, but am drawing a total blank tonight. Bill Donzelli is familiar with the YJ & other transmitters of the type I'm describing and can tell in detail how the system worked.) I believe the AN/ARR-1 and/or the AN/ARR-2 fall in that class.

Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

-----  
Message-ID: <37FEE939.D3AB3040@lenzlink.net>  
Date: Sat, 09 Oct 1999 03:05:30 -0400  
From: knepper <knepper@lenzlink.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Just 70 Days  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am fortunate or is it old enough to remember the changeover from tubes to transistors back in the 70's when hams were dumping their Collins, Hallicrafters, etc. for the latest in Japanese transceivers like the FT-101, etc. What I find interesting then was that the so-called "old-timers" were the one's most eager to buy the latest Yaesu or Icom, etc. Perhaps, the writer of this post is correct and that a lot of this is simply

nostalgia or even a touch of melancholia. I must confess that the reason I surround myself with these old radios is that they kind of remind me of a time in ham radio when being a ham meant something special. How many of you remember that first time you visited a ham and were amazed to discover that this guy could talk to someone in England like it was nothing at all. Enough rambling - have a great weekend - it's now raining here and what am I doing at 3 AM in the morning on a computer keyboard rather than at the controls of my ham set!

David Knepper, W3ST  
Publisher of the Collins Journal  
the official publication of the Collins Radio Association

Dick Dillman wrote:

> At 08:05 PM 10/8/99 -0700, you wrote:

>

> >I understand the nostalgia, but why not just let it go, without regrets,  
> >foreboding, diparagement? No doubt the present replacement for telegraphy,  
> >GMDDS, will steadily improve also. Probably the same emotions attended the  
> >replacement of well trained scribes by typists.

>

> Heh-heh. Good point, Hue. Many of the things we cling to now were  
> considered "new fangled" when they were introduced. I can just hear the  
> scribes saying, "Where's the art in that?" much in the same way some of us  
> ask where the art may be in picking up a satellite telephone handset on the  
> bridge.

>

> Regards,

>

> Dick

>

> Dick Dillman, W6AWO

> Chief Operator at K6KPH of the Maritime Radio Historical Society

> Collector of Heavy Metal:

> Harleys, Willys and Radios Over 100lbs.

--

-----

Message-Id: <199910091128.HAA20330@hat-trick.atl.org>

From: "Bob Duckworth" <wb4mnf@atl.org>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Just 70 Days

Date: Sat, 9 Oct 1999 07:21:57 +0100

Latin is dead too!

As are transportation by horse, sailing, unpowered aircraft,  
fishing by hand, hand made furniture, live theatre, painting,  
etc...

Well the BIG dinosaurs are gone.

Damn black and white world.

-bob

-----  
Message-Id: <199910091248.IAA20441@hat-trick.atl.org>

From: "Bob Duckworth" <wb4mnf@atl.org>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: National FB-7 and SW-3 coil info available and coils/wire sought.

Date: Sat, 9 Oct 1999 08:42:05 +0100

I have coil winding info for the SW-3 and thanks to Jim Clifford KE4DSP now  
have it  
for the FB-7 data as well. If anyone needs this, I'll be happy to  
transcribe and stick on the  
web site.

If anyone has any SW-3 or FB-7 tricks, I'd like to hear them.

I am looking for 2 x blank forms for the FB-7 to wind a 'D' set.  
Or maybe you have an extra 'D' set?

Also looking for, of all things, wire for winding them. Jim needs some wire  
too.

Wire needed.

#34 Double Silk (DS)

#30 DS

#34 Double Cotton (DC) \*\*\* needed for 'D' set.

-bob

-----  
Date: Sat, 9 Oct 1999 10:25:39 -0500 (EST)

From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: National FB-7 and SW-3 coil info available and coils/wire sought.  
Message-ID: <Pine.SUN.4.10.9910090928300.27028-100000@indy3>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

Jim Fred, of Antique Radio Labs, is the *\*only\** source for National's unusual six-pin coil forms. Around \$7.50 each. R1, Box 41, Cutler, IN 46920. They are hand-made; the set of forms I have seems pretty good but some folks report pin-spacing problems with some forms. As Jim is pushing 80, I'm more than willing to make allowances--I ordered a couple more forms than I needed, just in case. This isn't CNC machining!

Most of the SW-3 tank coils for 200 meters and down (HF) are space-wound and you don't have to use silk or cotton-covered wire (all that does is change the turn-to-turn spacing in close-winding and have some minor Q effects). The feedback/antenna coil goes in a little machined groove at the bottom of the form and is *\*supposed\** to have a concentrated field. I really don't think enamelled wire will make a huge difference in the tickler where cloth-covered was originally used; might have to "fiddle" it a turn or two or interwind some fine thread, is all. About all I have been able to find easily in cloth-served wire is #22 (from Modern Radio Labs) and #26 (from AES).

LF coils are problematic, as the tank and primary are interwound, close-wound, and both are cloth-served and in a size not easily found. Probably the use of fine thread to space 'em a tad would do, or even winding it once with heavier wire for one of the two, then peeling that off and using the proper size--a bit of cut and try unless you can mike[1] a sample of the original wire and work it out from there. LF operation of an SW-3 requires that *\*both\** RF chokes are present, a 2.5 mH "HF" choke and a 5.5 mH. The latter was not in some of the earlier models and has sometimes been removed from later ones. (And here we have an example of designing around the limitations of RF chokes as has been discussed on the list! --In this case, design of the "get a bigger hammer" variety but it *\*works.\**)

Interestingly, the information I have shows three different wiring schemes for the SW-3 coil base pin connections--I'll be tracing out the two original coils I have to figure out which is right! [2]

73,  
--Bobbi

-----  
1. "Mike," meaning "accurately measure," as in by the use of a micrometer.  
But you already knew that! Handy shorthand.  
2. There are also some minor differences in the number of turns between  
the three different coil sets for the three different models, mostly in  
the tickler to account for higher-transconductance tubes used in later  
versions. "10-20" or "color-code" coils for the oldest sets (35/35/27 or  
36/36/37 tubes), "60-70" coils for the 58/58/56 or 6C6/6C6/76 versions,  
and "30-40" sets in the "Universal" that ran 6J7/6J7/6C5 or 1N5/1N5/1A5.  
The numbers refer to the numbers stamped or marked on the coil forms.  
Bill Orr says the only critical thing here is getting the ticker turns  
correct for your tube line-up.

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore  
FISTS #3388 \* G-QRP #10001 \* ARRL \* RSGB \* WIA  
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

-----  
Message-Id: <199910091615.d99GF1k12871@jackatak.theporch.com>  
From: listown@jackatak.theporch.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: No More Reposts  
Date: Sat, 9 Oct 99 11:15:01 CDT

Gang-

This is a reminder that reposting of For Sale or Wanted items from  
other internet sources (lists and auctions) is discouraged....  
nay prohibited on the BoatAnchors list.

If a BA list member wants to post the item elsewhere and on the BA list,  
that creates NO problem. What we are trying to avoid are "seen on EBay"  
or "prime rig on xxx list" type posts... Very few BA members limit their  
searching to just the BA list!

The problem comes when the poster in the other venue is not asked about  
the re-post... without the permission of the poster, problems are  
guaranteed, and I do not have the time, the energy, or the desire  
to address and deal with the headaches that re-posting causes... I'll  
grant you that folks in other venues need to be re-calibrated, but I do  
NOT want to referee! ;^)

So, henceforth, let's have NO re-posts from other sources referred to  
the list. Yes, I know this may sound pretty provincial, but those who  
really care have browsers and know where to look, and those who don't,  
probably don't....

I do NOT need the aggravation of someone who posts to a newsgroup and

then has to fight off the hungry folks from the BA list who want to rearrange his viewpoint or calibrate his selling technique.

ENOUGH! Already... Just don't do it!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -  
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"  
"Il n'y a que les idiots qui ne changent jamais d'idee"  
Sat Oct 9 11:15:00 CDT 1999

-----  
Message-ID: <37FF6EF4.53E1@worldnet.att.net>  
Date: Sat, 09 Oct 1999 12:36:04 -0400  
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: National FB-7 and SW-3 coil info & Jim Fred  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Roberta J. Barmore wrote:

>  
> Hi!  
>  
> Jim Fred, of Antique Radio Labs, is the \*only\* source for National's  
> unusual six-pin coil forms. Around \$7.50 each. R1, Box 41, Cutler, IN  
> 46920.

-----  
To all,

I heard at the AWA meet that Jim Fred is in poor health. (I hope my source was wrong - but he claimed to know Jim personally.)

I'm mentioning this because if he doesn't respond - this may be why. He's a great guy and has helped out many of us over the years. I certainly wouldn't want a no-respond to become a negative report on here.

--

73' John Dilks, K2TQN

Webmaster for "Page 2" all about Antique Wireless  
<http://www.eht.com/oldradio/awa/>

--and--

for the New Jersey Antique Radio Club  
<http://www.eht.com/oldradio/>

Please visit my OldRadio Museum  
<http://www.eht.com/oldradio/museum/>

-----  
Message-Id: <3.0.6.32.19991009104604.007b3e90@mail.willapabay.org>  
Date: Sat, 09 Oct 1999 10:46:04 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: David Ross <ross@hypertools.com>  
Subject: Re: ARC-5 front connector  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ray & the gang -

At 11:43 PM 10/08/1999 -0700, Ray Mote wrote:

>Power for \*LM\*?! Hey, what about the doggone UHF receiver modulated at  
>broadcast freqs?...

>(Tried to remember nomenclature of those receivers & converters, but am  
>drawing a total blank tonight.

That would be the ZB receiver and the R-1/ARR-1 - pretty much identical identical units, except for the way the dials were calibrated.

One had the actual freq engraved on the dial (234 - 258 MCs if memory serves) - the other used the stunningly effective cryptographic technique of removing the hundreds digit so that it's dial read 34 to 58...

The ZB also saw use with RU receivers - same cool-looking mounting arrangement with the ZB sitting piggyback on the RU.

The R-4/ARR-2 was a later replacement for the ZB & ARR-1. It is a Command Set sized unit with both the UHF receiver and the AM broadcast band 'IF strip' built into a single chassis - it fits in a standard Command Set receiver rack.

73

Dave Ross      N7EPI      ross@hypertools.com

-----  
Message-Id: <3.0.6.32.19991009105204.007ae100@mail.willapabay.org>  
Date: Sat, 09 Oct 1999 10:52:04 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: David Ross <ross@hypertools.com>  
Subject: Re: Washington DC area lecture on National & Hallicrafters  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"



Mike & the gang -

At 11:29 PM 10/04/1999 +0100, Mike Steussy wrote:

>For those in the Washington - Maryland - Northern Virginia area, a  
>member of the Vienna Wireless Society and retired Navy civilian  
>acquisition manager, Ed Kesler, will present a program on the demise of  
>the American amateur equipment manufacturers, Hallicrafters and National  
>Radio Co. at the VWS meeting this Friday at 7:30PM in Vienna, VA, just  
>outside the Capitol Beltway. Ed is familiar with the contracts these  
>companies had with the Navy and will describe the role these contracts  
>played in their downfall.

Did anyone make it to this event?

I'd love to see a transcript or even read a synopsis - was there any  
talk of National's military swan song, the R-1490/GRR-17?

73

Dave Ross      N7EPI      ross@hypertools.com

-----  
Date: Sat, 9 Oct 1999 14:06:57 -0400 (EDT)

From: William Donzelli <aw288@osfn.org>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: ARC-5 front connector

Message-ID: <Pine.SUN.3.91-FP.991009133252.4125A-100000@osfn.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

> Bill Donzelli is familiar with the YJ &  
> other transmitters of the type I'm describing and can tell in detail  
> how the system worked.) I believe the AN/ARR-1 and/or the AN/ARR-2  
> fall in that class.

My favorite radios!

Ray has it mostly right, with the exception of the number of sectors and  
the operating frequency (OK, they are both mighty small nitpicks).

The transmitters fall into two classes. The first is the original YE  
series - big 800 pound RCA monsters with more meters than just about any  
other transmitters ever made. These were complicated things designed in  
the late 1930s, and used something like 12 or 15 tubes. The finals were  
826s. Very impressive beasts, and I am on the lookout for one in any  
condition.

The second is the lower power and much smaller YG series, also made by RCA (as well as a subcontract to Stewart-Warner). This cut down the number of tubes to seven or so, using 8025s as finals. With a modification, some YGs turned into YJs (same idea, but for directing landing craft onto beaches). YGs turn up on rare occasions - I bought one from Compass in New Jersey.

The idea is that each airfield and carrier has one of these things with a rotating antenna. The antenna sweeps around quite slowly (I think 1 rpm), shooting out a beam of the unique double "AM", generally at 246 MHz. The information carried is simple Morse letters, but the trick is that each 30 degree slice of the full rotation has one letter. The control unit, basically a really cool mechanical keyer, allows the letters to be jumbled around for security purposes (0-30 might be "R" on Monday and "F" on Tuesday). In addition, the keyer can also send out a station identifier every so often, instead of the sector letters, so the pilot would know what beacon he acquired.

The receivers fall into two classes as well. The first is the ZB series (later called AN/ARR-1), and is the odd looking long black boxes that can snap onto a ARB or RU. This is important, because the ZB is really a parasite - it needs power from a host (thus the little adaptors on the beforementioned receivers), as well as a broadcast band receiver to get back the audio. In effect, the ZB is not really a full radio - it only does half of the double demodulation duties. These units are all pretty common, except for a straight ZB (I have never seen one, just ZB-1s, -2s, and -3s). Quite a few vendors produced these during the war.

The other class is the AN/ARR-2 series - sometimes called ZBX (an unofficial term, I think). These do the same thing the ZBs do, but is a full receiver - it does everything from the antenna to the headphones, and can be a standalone unit. These pop into Command Set racks, and were often mated with them. Western Electric made many of these, along with Zenith. These are some rare variations of these normally common receivers - namely the R-3/ARR-2 (odd voltage) and the motor tuned variety. There is also evidence of some late war versions, but I know nothing about them.

Apparently the unit was quite a success, as the system was adopted by the British for a short period after the war. Even in the U.S., the system remained in use into the 1950s.

William Donzelli  
aw288@osfn.org

-----  
Message-Id: <3.0.3.32.19991009145657.00772a34@mindspring.com>  
Date: Sat, 09 Oct 1999 14:56:57 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@mindspring.com>

Subject: RME Question  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I've got a very nice RME99 with one problem...there's a tube missing, there's no nomenclature on the chassis as to what tube goes where (hey, this is RME, and they didn't think you needed legends on the front panel either!), and the tube lineup doesn't match the copy of the schematic I got either. (Other than that, it's perfect!)

The lineup mine has is  
3-7B7's  
2-7A4s  
1-7B8  
1-7A6  
1-6V6  
1-VR160  
1-80  
and  
1-7?7

This leaves me shy one tube. The schematic I have shows a lineup completely different:

2 7A4's  
1 VR150  
4 7A7's  
1 7B5  
1 7C5  
1 7F7  
1 7A6  
and one 80

Does anyone else own one of these that might shed some light?

Thanks!  
John

-----  
Date: Sat, 9 Oct 1999 15:16:58 -0400  
From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: RE: LM POWER SOURCE (WAS ARC-5 FRONT CONNECTOR)  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199910091517\_MC2-8856-9411@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Clare, et al

If you will check the model configuration/differences chart in the front of most of the later LM manuals, you will notice that several models were procured without the separate power supplies. They were switch selectable for either 12 or 24 VDC filaments and took their HV power from the associated ARB or ARA or ???. My manuals are all in the attic but I know that the LM-7 was one ('cause I happen to have a couple).

Robert Downs  
WA5CAB  
Houston

-----  
Message-ID: <009e01bf1282\$4812bfe0\$792a2581@km3g>  
From: "Lane Zeitler Ku7i" <zeitler@attglobal.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Some HB and vintage FS  
Date: Sat, 9 Oct 1999 11:15:32 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have the following for sale. Some is including shipping and some is not.

1. QRP amp. HB design. Runs three 6146s in parallel. No schematic. Untested. Looks very nice. Previous owner built this. Said it worked. I have not tried it yet so it is sold as-is. He said that 5 watts in gives 200 watts out. 80 to 10 meters. Seperate RF deck and power supply. Comes with tubes. \$45 plus shipping on 35 pounds from 92139 San Diego. Not much to go wrong with this one.
2. Another HB QRP amp. This one is all solid state. No scat. Same builder. Runs a pair of TRW PT-9776 xistors. Untested. \$25 shipped.
3. LM-4 sig gen with ac supply and book. Looks almost like brand new. Untested. \$50 plus shipping.
4. HV xmfrs. I have two of these. Primary is 120 vac. Secondary is 1100-0-1100 volts at 280 mA ccs. Mil Spec units. Run in parallel for higher current capability or run in series for higher output voltage. \$50 each or both for \$75 plus shipping from San Diego 92139.

And that is all for now. 73s de Lane Ku7i San Diego 92139 619-470-6528.

-----  
From: wallace@WORLD.STD.COM (Andy Wallace)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Halli S-27 antenna connectors and output xfmr needed  
Date: Sat, 09 Oct 1999 19:27:48 GMT  
Message-ID: <380496db.5978154@world.std.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, Folks! I have a friend who is restoring an S-27 and needs the antenna connectors and output transformer. Supposedly ones for the SX-28, SX-32 and S-36 would work -- does anyone have parts from those for sale?

--Andy  
wallace@world.std.com

-----  
Date: Sat, 9 Oct 1999 15:32:35 -0400  
From: "ROBERT W. DOWNS" <RWDDowns\_WA5CAB@compuserve.com>  
Subject: SCR-178 CABLE PLUG  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199910091532\_MC2-8860-2608@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
          charset=ISO-8859-1  
Content-Disposition: inline

Groups,

There was a brief thread a few weeks ago that revealed the existence of more people with parts of the SCR-178 than I would have expected. If any=

of you happen to have the CD-189 cord which connects the BX-4 Battery Box=

to the BC-186 receiver, tell me if the 6-pin right angle plug on the receiver end is marked "PL-79". I knew that I had a plug around here somewhere that looked like the one in the drawing in the manual but when = I

looked for it, all that I turned up were 3-pin ones. So I quit looking f= or

it and started looking for something else and naturally found it (14th corollary to Murphy's Law).

Robert Downs  
WA5CAB  
Houston

-----  
Message-Id: <3.0.5.32.19991009132346.007dd4d0@proaxis.com>  
Date: Sat, 09 Oct 1999 13:23:46 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Hue Miller <kargokult@proaxis.com>  
Subject: Re: ARC-5 front connector  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

So, in the ARR-1 plus BC-946 ( broadcast band command receiver ) configuration  
( is this correct? ), where how would the ARR-1 be mounted?  
Hue

-----  
Message-Id: <3.0.5.32.19991009152658.007f28e0@proaxis.com>  
Date: Sat, 09 Oct 1999 15:26:58 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Hue Miller <kargokult@proaxis.com>  
Subject: Re: ARC-5 front connector  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>The second is the lower power and much smaller YG series, also made by RCA  
>(as well as a subcontract to Stewart-Warner). This cut down the number of  
>tubes to seven or so, using 8025s as finals. With a modification, some YGs  
>turned into YJs (same idea, but for directing landing craft onto beaches).

--most interesting idea, even if it seems a little questionable! what would  
the receiving end setup, in the landing craft, look like? Probably this system  
was only considered, never realized, or?

>YGs turn up on rare occasions - I bought one from Compass in New Jersey.

--congrats! I wonder if this is the only survivor.

>

>The idea is that each airfield and carrier has one of these things with a  
>rotating antenna. The antenna sweeps around quite slowly (I think 1 rpm),  
>shooting out a beam of the unique double "AM", generally at 246  
>MHz. The information carried is simple Morse letters, but the trick is  
>that each 30 degree slice of the full rotation has one letter. The  
>control unit, basically a really cool mechanical keyer, allows the  
>letters to be jumbled around for security purposes (0-30 might be "R" on

>Monday and "F" on Tuesday). In addition, the keyer can also send out a  
>station identifier every so often, instead of the sector letters, so the  
>pilot would know what beacon he acquired.

>The other class is the AN/ARR-2 series - sometimes called ZBX (an  
>unofficial term, I think).

--what does this mean, unofficial? Some equipment had nicknames ( unofficial  
names ) e.g. Jeep for GP, but i've never before heard of a nickname - or  
unofficial name - using the same official nomenclature system. That is kinda  
unique. So it maybe arose like from designator for an enhanced ZB, i.e.  
ZB+X ?

These do the same thing the ZBs do, but is a  
>full receiver - it does everything from the antenna to the headphones,  
>and can be a standalone unit. These pop into Command Set racks, and were  
>often mated with them. Western Electric made many of these, along with  
>Zenith. These are some rare variations of these normally common receivers  
>- namely the R-3/ARR-2 (odd voltage) and the motor tuned variety.

--what was the "odd voltage", perhaps 12volt supply? Also, how did the motor  
tuned variant work, with detentes like the R-26M/ARC-5? Did it have its  
own nomenclature?

>Apparently the unit was quite a success, as the system was adopted by the  
>British for a short period after the war.

--I also have wondered if any of those "conversions" really worked, beyond  
being a one time demonstration of the possible. I mean the ham conversions,  
to 220 Mc/s receiver, or maybe, broadcast band tuner.

Tnx, Hue Miller

-----  
Message-ID: <000201bf12a3\$cd6e7280\$9a2d1004@w4jgteleport.com>

From: "M. Fixit" <w4jg@teleport.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: WTB 1979 es 1980 Callbooks

Date: Sat, 9 Oct 1999 18:13:32 -0400

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="-----\_NextPart\_000\_000E\_01BF1281.FECB9820"

This is a multi-part message in MIME format.

-----\_NextPart\_000\_000E\_01BF1281.FECB9820

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Mes Ami's

Wishing to purchase a set of 1979 and 1980 U.S callbooks, in at least =  
good condition and reasonable  
price so as to ease the burden of a research project. Am not sure if by =  
that date the "Flying Eagle"  
version had feathered its wings to one edition per year or not. Anyhoo =  
if there are four per year I'd  
be interested in a complete set. They do not have to be in pristine =  
condition as long as all the=20  
data pages are there. Pse reply to w4jg@teleport.com directly, not the =  
boatanchor list.

73 de Tim W4TIM

-----=\_NextPart\_000\_000E\_01BF1281.FECB9820  
\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----  
Message-Id: <3.0.5.32.19991009161135.007f8710@proaxis.com>  
Date: Sat, 09 Oct 1999 16:11:35 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Hue Miller <kargokult@proaxis.com>  
Subject: Re: STK Southmountain  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 11:49 AM 9/30/99 EDT, Jderm740@aol.com wrote:  
>This leads me to believe it was a Merchantman  
>under Navy control while in the convoy. These ships would have been  
outfitted  
>with typical naval radio equipment for obvious reasons.

--I may be wrong, but i don't believe the last part of this statement above  
is correct. I believe whatever commercial gear on board was left on, as long  
as it met the wartime radiation standards. ( or, the term "reradiation", as



used in the ARR-5/7 manuals. ). That basically just meant, no receivers without

an RF stage, it does NOT mean "NO regen receivers". I talked to a vet who had sailed on just such a merchant ship in convoy, and the radio equipment on board was the RMCA equivalent of the Navy-labelled RAZ - i think it is the RMCA 8503 - an LF regen receiver. Most if not all of these convoy vessels had no HF gear. Not that they used their radio equipment anyway, except to listen for, or send, distress messages. The only USNavy standard equipment aboard them

would have been the TBY talkie, used for interconvoy communication. The RMCA 8503 is not rare, except in the ebay world, where everything is rare, but it is not real common, and seems to be less common than Mackay's equivalent, the Type 128, wasn't this the one installed in so many cargo ships as part of the "coke machine" console?

Hue Miller

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End of BOATANCHORS Digest 2695

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